

NAT5 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant NAT5.****Catalog # AT2974a****Specification**

NAT5 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P61599
Other Accession	BC005181
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	20368

NAT5 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 51126**Other Names**

N-alpha-acetyltransferase 20, Methionine N-acetyltransferase, N-acetyltransferase 5, N-terminal acetyltransferase B complex catalytic subunit NAA20, N-terminal acetyltransferase B complex catalytic subunit NAT5, NatB complex subunit NAT5, NatB catalytic subunit, NAA20, NAT5

Target/Specificity

NAT5 (AAH05181, 1 a.a. ~ 178 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

NAT5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

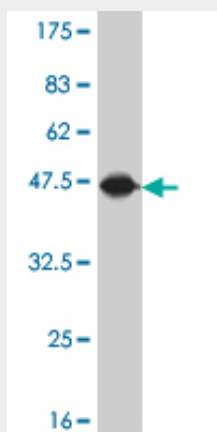
NAT5 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

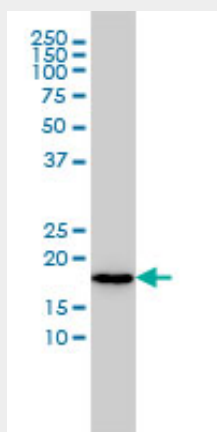
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

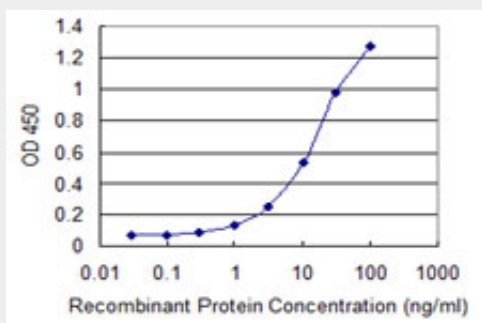
NAT5 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.32 KDa) .



NAT5 monoclonal antibody (M01), clone 2C6 Western Blot analysis of NAT5 expression in HL-60 (Cat # AT2974a)



Detection limit for recombinant GST tagged NAT5 is 0.3 ng/ml as a capture antibody.

NAT5 Antibody (monoclonal) (M01) - Background

NAT5 is a component of N-acetyltransferase complex B (NatB). Human NatB performs cotranslational N(alpha)-terminal acetylation of methionine residues when they are followed by asparagine (Starheim et al., 2008 [PubMed 18570629]).

NAT5 Antibody (monoclonal) (M01) - References

1.N-terminal acetylome analyses and functional insights of the N-terminal acetyltransferase NatB.Van Damme P, Lasa M, Polevoda B, Gazquez C, Elosegui-Artola A, Kim DS, De Juan-Pardo E, Demeyer K, Hole K, Larrea E, Timmerman E, Prieto J, Arnesen T, Sherman F, Gevaert K, Aldabe R.Proc Natl Acad Sci U S A. 2012 Jul 31;109(31):12449-54. Epub 2012 Jul 18.2.Identification of the human Nalpha-acetyltransferase complex B (hNatB) - a complex important for cell cycle progression.Starheim KK, Arnesen T, Gromyko D, Rynningen A, Varhaug JE, Lillehaug J.Biochem J. 2008 Oct 15;415(2):325-31.